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(74) Common Representative: KONINKLIJKE PHILIPS ELECTRONICS N.V.; INTELLECTUAL PROPERTY & STANDARDS, c/o Waxler, Aaron, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

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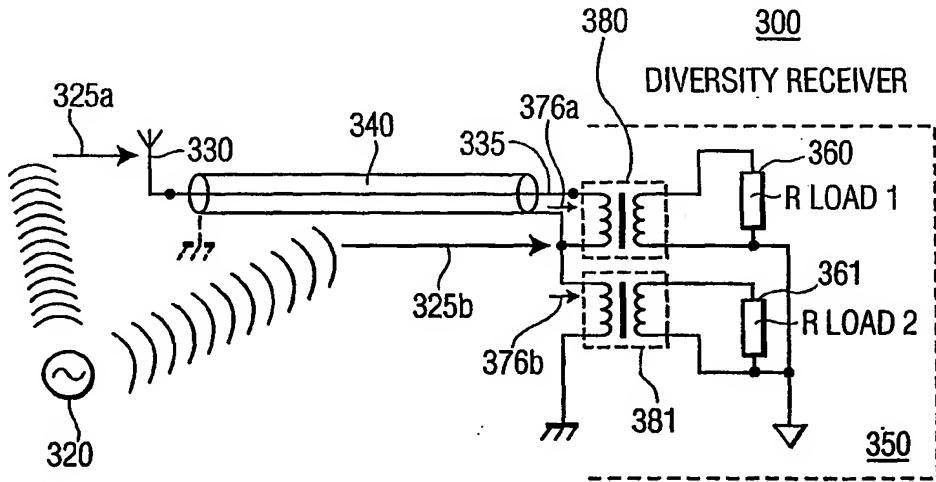
(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): PRONKINE, Vlatcheslav [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

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(54) Title: METHOD AND APPARATUS FOR TRUE DIVERSITY RECEPTION WITH SINGLE ANTENNA



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(57) Abstract: A system for wireless communication, particularly for receiving communication signals, said system comprising: A main antenna structure(330), said antenna structure adapted to receive a communication signal(325a) as a first internal signal; and an antenna cable, said antenna cable having a first end operationally coupled to said main antenna structure and a second end, said antenna cable including a main conductor(335) for passing said first internal signal, and a second receiving conductor(340), said second receiving conductor adapted to receive said communication signal as a second internal signal, and wherein said second receiving conductor as a receiving element is spatially separated from the main antenna structure. The disclosed antenna system and apparatus for the extraction of the second, spatially-separated received signal achieves spatial diversity to alleviate multipath effects in wireless communication systems.

**Declaration under Rule 4.17:**

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